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November 9, 2012

VIA ECFS

Marlene H. Dortch Secretary Federal Communications Commission 445 12th Street, SW Washington, DC 20554

Re: In the Matter of Expanding the Economic and Innovation Opportunities of

Spectrum Through Incentive Auctions, GN Docket No. 12-268

NOTICE OF ORAL EX PARTE PRESENTATION

Dear Ms. Dortch,

On Tuesday, November 7, 2012, Joan Marsh, Joe Marx, Mel Frerking, Neeti Tandon, Scott Prather, and Michael Goggin (all from AT&T), David Lawson (Sidley Austin LLP), and Samir Jain (WilmerHale), met by telephone conference with the following individuals at the Federal Communications Commission ("FCC"): Gary Epstein (Senior Advisor and Chair of Incentive Auctions Task Force, Office of Strategic Planning and Policy Analysis), John Leibovitz (Deputy Bureau Chief, Wireless Telecommunications Bureau), Julius Knapp (Bureau Chief, Office of Engineering and Technology), Blaise Scinto (Division Chief, Broadband Division, Wireless Telecommunications Bureau), Chris Helzer (Electronics Engineer, Broadband Division, Wireless Telecommunications Bureau), Janet Young (Wireless Telecommunications Bureau), Michael Ha (Electronics Engineer, Office of Engineering and Technology), Tom Peters (Chief Engineer, Wireless Telecommunications Bureau), Edward Smith (Special Counsel, Enforcement Bureau), John Gabrysch (Electronics Engineer, Media Bureau), Thuy Tran (Electronics Engineer, Media Bureau).

The purpose of the call was to exchange ideas on technical aspects of the 600 MHz band plan set forth in the NPRM in the above captioned proceeding. During the call, we discussed (1) the potential for intermodulation products generated by interactions between uplink transmission originating from 600 MHz mobile devices and television transmissions originating from frequencies within the 600 MHz uplink/downlink duplex gap; (2) the potential for third order harmonics generated by 600 MHz uplink transmissions in the frequencies currently occupied by television channels 42-46; and (3) the potential for television transmissions to cause blocking in 600 MHz devices using nearby frequencies. AT&T also discussed design and performance tradeoffs (*e.g.*, antenna size, antenna performance, and MIMO) associated with the location of the uplink and downlink frequencies within the 600 MHz frequency band. AT&T emphasized that its examination of these issues is in the early stages, and that AT&T has not drawn any conclusions as to their impact, if any, on services using 600 MHz or other frequencies.

In accordance with Commission rules, this letter is being filed electronically with your office for inclusion in the public record.

Sincerely,

Joan Marsh